

Some Characteristics of the Population Dynamics
of Certain Types of Atlantic Herring, by G. V.
Nikol'skiy, T. N. Belyanina.

RUSSIAN, per, Zhur Obshch Biolog, Vol XX, No 3,
1959, pp 161-173.

DSIR LLU RTS 1547

Sci - Biol

128,836

Oct 60

Zeta Al_2O_3 Is Identical With Gamma Al_2O_3 , by
D. Belyankin, 3 pp.

GERMAN, per, Zentralblatt fur Mineralogie,
Geologie und Palaontologie, Section A, No 12,
1933, pp 300-302.

SLA 60-14315

Sci

129,394

OTS, Vol IV, No 3

Sep 60

The Lower Titanium Oxides in Slag of the Aluminothermic Process, by D. S. Belyanin.

Shnai - 220 rev.
RUSSIAN, Dok Ak Nauk SSSR, Vol LXIV, No 5, 1949,
pp 685-688.

TN
Bretcher #2340

Scientific - Chemistry \$2.50

14,977

Problem of Phase Composition of Some Lime-Chromium Slags
With Special Consideration of the Characteristic Water-
Solubility of Their Lime Component, by D. S. Belyankin,
V. V. Lapin.. UNCLASSIFIED.

thrice-mo
RUSSIAN, /per, Dok Ak Nauk SSSR, Vol XCI, No 4, 1953,
p. 911-914.

Brutcher Tr No 3305

19,303

Scientific - Min/Metals

Petrography of Industrial Stonex, by D. S. Belyankin,
B. V. Ivanov, V. V. Lapin. \$ 4 pp. UNCLASSIFIED

RUSSIAN, no per, Zhur Prik Khim, No 10, 1952, pp
1118-1121.

Consultants Bureau

Geophysical
Scientific - ~~Geophysical~~

CTB/DEX

16,937

On the Phase Composition and the Chromium Losses to
the Slag in the Production of Low Carbon Ferro-
Chromium With the Use of Fluxes, by D. S. Belyankin,
V. Lapin.

FRENCH, *per*
URSS Bulletin De L'Academie Des Sci. De L'urss,
Classe des Sci. Tech., No 4, 1946.

Brutcher Tr 1955

12,704

Scientific - Min/Metals \$3.90

Kristalloptik. 1954, by D. S. Belyankin, W. P.
Petrov

Translated from the Russian edition. 1951

DSIR 548.0:53
Lending Lib Unit
G. 12261/0

Zirconium Dioxide in Mullite Refractories, by
D. S. Belyankin, V. V. Lapin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIII,
No 2, 1950, pp 467-469. CIA 9039807

Brutcher Tr No 2725

On the Mineralogy of the Black Minerals. Anosovite,
in High-Titanium Slags, by D. S. Belyankin, V. V.
Lapin

Full translation.

three - mo
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 3, 1951,
pp 421-424.

Bratcher Tr No 3098

The Effect of Rates of Strain and Loading on the
Strength of Laminated-Plastic Specimens of Various
Sizes, by F.P. Belyankin and G. I. Dybenko, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XXXIX, No 10, 1963,
pp 1235-1239,

ISA

Sci

Mayb64

256,913

A Discussion of Methods for Studying and Testing
the Physical and Mechanical Properties of Plastics,
by F. P. Belyankin, et al.

RUSSIAN, por., Zavod Lab, Vol XXVI, No 6, 1960,
pp 655-673.

ISA

Sci -
Apx 61

148,175

Removal of Build up by Salts on Turbine Stages
Operating in a Unit With Once Through Boilers,
by N. I. Serebryamikov, Z. P. Balyankina.

RUSSIAN, per, Teploenergetika, Vol VIII, No 12,
1961, pp 63-66.

MZ M 8821

Sci - Engr
Mar 63

225,379

Radar Investigations of the Structure of the Ionosphere ⁸⁰
With the Satellite "Cosmos" on the Coherent Frequencies
(Preliminary Results), by Ya. L. Al'pert, V. B. Belyanskiy,
et al, 31 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol III, No 1, 1963,
pp 10-24. 9696146

Amer Meteorol Soc

T-R-64-19

Sci -

Sci I - ES

Mar 65

275,047

(NY-7093)

Formation of Electromagnetic Shock Waves With
Two Discontinuities, by A. M. Belyantsev,
Yu. K. Bogatyrev, 13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO, SSR,
Radiofizika, Vol V, No 1, 1962.

JPRS 14,515

Sci

Jul 62

203,339

(NY-7093)

Propagation of Pulses in Transmission Lines
With Semiconductor Diodes, by A. M. Belyantsev,
L. A. Ostrovskiy, 11 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO, SSR,
Radiofizika, Vol V, No 1, 1962.

JPRS 14,515

Sci

Jul 62

203,900

The "Interleaved Combs" Type of Delay System for Travelling Wave Amplifiers, by A. M. Belyantsev, 15 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 3, 1959, pp 505-516.

PP

Sci

127,341

Sep 60

EFFECT OF SECONDARY QUENCHING ON THE
STRUCTURE AND PROPERTIES OF E1617 ALLOY,
BY I. S. BELYATSKAYA, B. G. LIVSHITS,

RUSSIAN, PER, 1Z VYSSHIIKH UCHEB ZAVED
CHERN METALLURGI, NO 7, 1960, PP 156-162.

NLL N.3493

SCI - M/M

JUN 62

199,144

The Gas-Fired Cupola, by A. A. Belyanskiy.

RUSSIAN, per, Stal, Vol VII, No 10, 1947,
pp 944, 945.

Brutcher Tr No 2292

<p>Belyanskiy, V., Voronov, D. and others. OBITUARY OF PROFESSOR B. N. LUKOV (Pamyat' Professora Borisa Nikolayevicha Lukova). 6 June 61 [4]p. JPRS: 9359 Order from OTS or SLA \$1.10 Trans. of Vestnik Oto-Rino-Laringologii (USSR) 1961, v. 23, no. 1, p. 124.</p> <p>DESCRIPTORS: *Medical personnel, *Otorhinolaryngology, USSR</p> <p>(Biological Sciences--Pathology, TT, v. 6, no. 4)</p>	<p>61-23466</p> <p>I. Belyanskiy, V. II. Voronov, D. III. Lukov, B. N. IV. JPRS-9359 V. Joint Publications Research Service, New York</p> <p>Office of Technical Services</p>
---	---

Use of Reducing Agents for Regeneration of Spent
Sulfuric Acid, by M. S. Vitukhnovskaya,
E. A. Belyanskaya, 7 pp.

RUSSIAN, per, Zhur, Prik Khim, Vol XXXIII, No 11,
1960, pp 2427-2434.

CB

Sci

169, 432

Sep 61

Stationary Electromagnetic Shock Waves in
Transmission Lines With Unsaturated Ferrite,
by A. M. Belyantsev, Yu. X. Bogatyrev, 20 pp.

RUSSIAN, per, Iz Vysashikh Ucheb Zaved, Radiofiz,
Vol. VI, No 3, 1963, pp 561-571.

AMEM JPRS 22922

Sci

Jan 64

249,203

Formation of Electromagnetic Shock Waves in
Transmission Lines With Unsaturated Ferrite, by
A. M. Balyantsev, Yu. K. Bogatyrey, 19 pp.

RUSSIAN, per, Iz Vysashikh Ucheb Zaved, Radiofiz,
Vol VI, No 3, 1963, pp 551-560\$.

JPRS # 22922

Sci.

Jan 64

249,202

Synthesis of 7-Dehydrocholesterol, by V. P. Vendt,
and V. V. Belyavskaya, et al., 15 p.
RUSSIAN, per, Vitaminy, Vol III, 1958, pp 32-43.
~~SLA TT 66-10256~~

SLA TT 66-10256

V. V. Belyavskaya

Sci-BQM
Jun 66

392,760

Diurnal Course of the Intensity of Gas Metabolism in Cold-Blooded Animals, by G. G. Vinberg, Yu. S. Belyatskaya-Potayenko, 19 pp.
RUSSIAN, per, Zoolog Zhur, No 11, 1963, pp 1593-1600.

JPRS 23285

Sci-Biol
Feb 64

250,276

S-5141

(DC-2812).

Forty Years of the Health Organization of the
Byelorussian SSR, by D. P. Belyatskiy, 7 pp.

RUSSIAN, per, Gig i San, Vol XXIV, No 1,
Moscow, 1959, pp 44-50.

JFRS-L-1769-D

Sci - Medicine, public health, sanitation
Jul 59

92, 965

2-5322

(FD-302)

Infectious Morbidity in the BSSR and the
Problem of Its Further Decrease in the 7-Year
Plan (1959-1965), by D. P. Polyantsev, 7 pp.

RUSSIAN, per, Zdravookhraneniye Belorusssii.
Vol. V, No. 7, 1959, Minsk, pp 45-50.

JPRC-L-1884-D

Sci - Med - Infectious Disease 97735
Sep 59

The White Protection of American Public Health Service; League of the Nations of Government,
by Dr. C. P. Ritterbusch, 3 pp.
[REDACTED] Vol 22 No 8, 1944, pp 22-23.
JPM 22/44

See - Black & Metal
Aug 64

248,600

THE MINSK MEDICAL INSTITUTE AND ITS ASSISTANCE
TO PUBLIC HEALTH ORGANS, BY D. P. BELYATSKIY,
YE. I. SHISHKO, 7 PP.

RUSSIAN, PER, SOVETSKOYE ZDRAVOKHRANENIYE, NO 4,
1962, PP 53-56.

JPRS 16028

SCI - MED

JAN '63

218,612

Urgent Problems of Rural Hygiene, by D. P.
Belyatskiy, Z. K. Mogilevchik, 8 pp.

RUSSIAN, per, Vest Ak Medit Nauk SSR,
Vol XIX, No 7, 1964, pp 77-82.

JPRS 27032

Sci
Jan 65

1

270,380

(DC-5896)

The 25th Anniversary of the USSR All-Union
State Sanitary Inspection, by D. P. Belyatskiy,
5 pp.

RUSSIAN, per, Zdravookhraneniye Belorussii,
No 7, 1960, pp 38-51.
4

8
JPRS #652

to USSR
Soc
Sci - Med
Aug 61

163,318

Aromatic Hydrocarbons. XVI. Aromatization of Halogen Substituted Tetrahydropthalic Acids (adducts of dicne synthesis) under the Action of Phosphorus Pentoxide, by V. R. Skvarchenko, R. Ya. Levina, E. M. Belyavskaya, 3502 pp.

RUSSIAN, per, Izmer Obozhezh Khim, Vol XXX, No 11, 1960,
pp 3535-3540

CD

Sci
Oct 61

111,519

74
19
The Effect of Gamma-Radiation on the Electrical
Conductivity of Alkali-Silicate Glasses in
Strong Electrical Fields, by L. M. Belyavskaya,
13 pp.
RUSSIAN, per, Investig., No 1, 1963, pp
164-170,
Dept of Navy NDL tr 1120

L. M. Belyavskaya

Sci-electronics
Oct 67

340,796

79

In the Nature of High-Voltage Polarisation in
Glass, by L. M. Belyavskaya, 11 pp.
RUSSIAN, per. Investiga VUZ, No 1, 1963, pp
16-17. 58-62
Dept of Navy NRL tr 1121

Sci-Lats
Oct 67

L. M. Belyavskaya

340,797

State of Zirconium in Solutions of Mineral Acids,
by T. A. Belyavskaya, Mu Bin-Ven.
RUSSIAN, per, Vestnik Mos Univ, Ser Mat, Mekh
Astron, Fiz i Khim, Vol 14, No 4, 1959,
pp 207-214.
HTC-69-13187-078

65

T. A. Belyavskaya

Sci-Chem
Sept 69

301,680

Separation of Some Cations of the Third
Analytical Group by Ion-Exchange Chromatography,
by T. A. Belyavskaya, E. P. Shkerobot, 8 pp.

UNCLASSIFIED

RUSSIAN, per, Trudy Komissii po Analiticheskoy
Khim, Vol VI, No 9, 1955, pp 343-350.
CIA 9030911

ACSIIL Tr 1041

Chem;
Sci - Phys
Aug 58

67, 4 2.0

Separation of Titanium from Accompanying Elements by
Ion-Exchange Chromatography, Part 2. Separation of
Titanium and Chromium, by I. P. Alimarin, T. A.
Belyavskaya, and L. A. Bezhanova, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XII, No 3, 1957,
pp 377-380.

Consultants Bur

Sci - Chem

May 58

64,888

QUANTITATIVE SEPARATION OF BERYLLIUM FROM VARIOUS
ELEMENTS BY THE METHOD OF ION-EXCHANGE CHROMATOGRAPHY,
BY T. A. BELYAVSKAYA, V. I. FADEYEVA.

RUSSIAN, PER, VEST MOSKOV U, SER FIZ~~S~~, MATEMAT I
ESTEST NAUK, VOL XI, NO 6, 1956, PP 73-79.

NLL M. 62L3

SCI - PHYS

213,004

OCT 62

Separation of Titanium from Accompanying Elements by Ion Exchange Chromatography. Communication 3. Separation of Titanium and Sirconium. by T. A. Belyavskaya, I. P. Alimarin and I. F. Kolosova, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 6,
1958, pp 668-670

Consultants Bureau

Sci

107380

Feb 60

The Reaction of Ethylene with Trichloro- and
Tetrachloroethylene, by A.B. Belyavskiy,
R. Kh. Freidina, 4 pp.

RUSSIAN, per, Izak Nauk SSSR, Otdel Khim Nauk,
No 5, 1961, pp 838-842.

CB

Sci

Mar 62

189,015

Hetero- and Homolytic Rearrangements in the
Chemical Reactions of 3,3,3-Trichloro-2-Methylpropene,
by A. N. Nesmeyanov, R. Kh. Freidlina, A. B.
Belyavskiy, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1959, pp 1028-1033.

CB

157, 906

Sci
Jun 61

The Telomerisation of Ethylene With Tetra-chloroethylene, by A. N. Nesmeyanov, R. Kh. Freidlina, A. B. Belyavskiy, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1959, pp 821-824.

CB

Sci - Chem
Oct 59

100,059

TECHNICAL INFORMATION ON THE LITTLE
ELECTRONIC TIME PIECE, BY K. MAMONOV, G. P.

RUSIAN, IN, LONDON, 16 DEC 1962, P. 1.

SPK 1890

200,603

URGENT
ECOM
APR 63

RADIO INVESTIGATION OF THE STRUCTURE OF THE
IONOSPHERE BY MEANS OF SOUNDS AND OFFICIAL SATELLITE
SATELLITES AT CONVENTION FREQUENCIES (THEIR MEASUREMENT
RESULTS), BY YA. L. AL'TOV, V. D. BULYANOV,
ET AL., ET AL.

RUSIAN, PERIODICALS IN ASTRONOMIA, VOL. III,
NO. 1, 1963, PP. 10-20.

JULY 1963

SCIAEROSPACE
MAY 68

200-572

Designing Circuits Which Contain Cores With Rectangular Hysteresis Loop Characteristics, by
V. F. Belyavskiy, Yu. M. Shamayev, 6 pp

RUSSIAN, per, Avtomat i Telemekh, Vol XXI, No 8,
1960, pp 1188-1197

LSA

Sci
May 61

152, 393

The Use of the Inductors for the Designing of
Ferromagnetic Cores Having a Rectangular Shape
Loop for the Purpose of Designing Pulse Magnetic
by V. F. Belyavskiy, Yu. M. Shomayev.

RUSSIAN, per, Nauch Dok Vyschey shkoly, Elektronika i
Avtomat, No 1, 1959, pp 6-22.

Internl Phys Index
Automation Express
VOL XX, No 6

120, 130

Sci - Phys
Jun 60

The Influence of Nucleophilic Substances on Compounds of Structure $\text{CCl}_3\text{CH}=\text{CRR}'$, by A. N. Nesmeyanov, R. Kh. Freidlina, L. I. Zakharkin, A. B. Belyavsky, 12 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4,
2 Apr 1956, pp 1070-1081.

Consultants Bureau

43,657

Sci - Chemistry
Feb 1957 CIS/dex

The States of Zirconium in Solutions of
Hydrochloric Acid, Ammonium Carbonate and Complexone
III, by I. P. Alimarin, T. A. Belyavskaya,
Mu Ping-Weng, 4 pp.

RUSSIAN, per, Radichim, Vol I, No 6, 1959,
pp 645-649. 9079526

Infosearch Ltd. London
as RK-59/6.5

Sci - Chem

164, 305

Aug 61

(NY-5230)

Contribution to the Theory of Coupled Cavities,
by A. M. Belyantsev, 20 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Ser
Radiofiz, Vol III, No 6, 1960.

JPRS 7372

Sci
Jun 61

155, 918

To Replace Manual Labor, by Belyayev.

RUSSIAN, np, Krasnaya Zvezda, 24 Nov 1959.

FBI D Daily Review

CBMR
MIL
Dec 59

103, 466

SECRET Bloc Pricing Policies, by A. Abramyan, A. Tikhonov,
et al., 9 pp.
BUREAU, Moscow Gazette, sp. No 46, 16 Nov 1963, pp. 30-31.

JPRS 22054

USER
GREG
Jan 64

246,661

The Training of Minutemen by A. Radford, 6 pp.
BIRMINGHAM, AL: Birmingham Sunday, 1944
5 Jun 1944, p. 1
JPRS 24262

1944
24262
Sep 64

2426263

2

CMEA Session in Budapest, by A. Belyayev,
5 pp.
RUSSIAN, weekly, Ekonomicheskaya Gazeta,
No. 1, Moscow, Jan 63, p. 42.
J-BS 44,389

A. Belyayev

USSR
Economic
Feb 63 350,345

Aerozol Method of Combating the Pests of Vegetable Crops, by A. Belyayev, 2 pp.

RUSSIAN, per Sovkhoznoe Proizvodstvo, No 1, 1954,
pp 88-89. C/11 0 480214

Sci Trans Center RT-3308
USDA

USSR
Scientific - Agricultural Biology 32,681
Economic - Agriculture Apr 56

Some Practical Operating Experience on Large Thermal Power Station With Extra Advanced Steam Conditions,
by A. A. Belyavc.

Russia, Moscow, Gosenergoizdat, 1959.

DSTF NLL M 0323

Rev. 1 May

171,904

Ed. 61

Device for Grinding Valve Seats, by Belyaev, A. A.

RUSSIAN, per, Elektricheskie Stantsi, No 9,
1949, p 54.

Sci Museum Lib No 50/2858

14,974

Scientific - Electricity

Investigation of the Effect of Certain Factors on Formation of Dislocations During Crystallization and on the Dislocation States in Germanium Monocrystals,
by A. D. Belyayev, V. N. Vasilevskaya, E. G. Misalyuk,
7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 2, 1960, p
pp 227-234.

AIP
Sov Phys-Solid State

Scicat
Sci
Feb 61

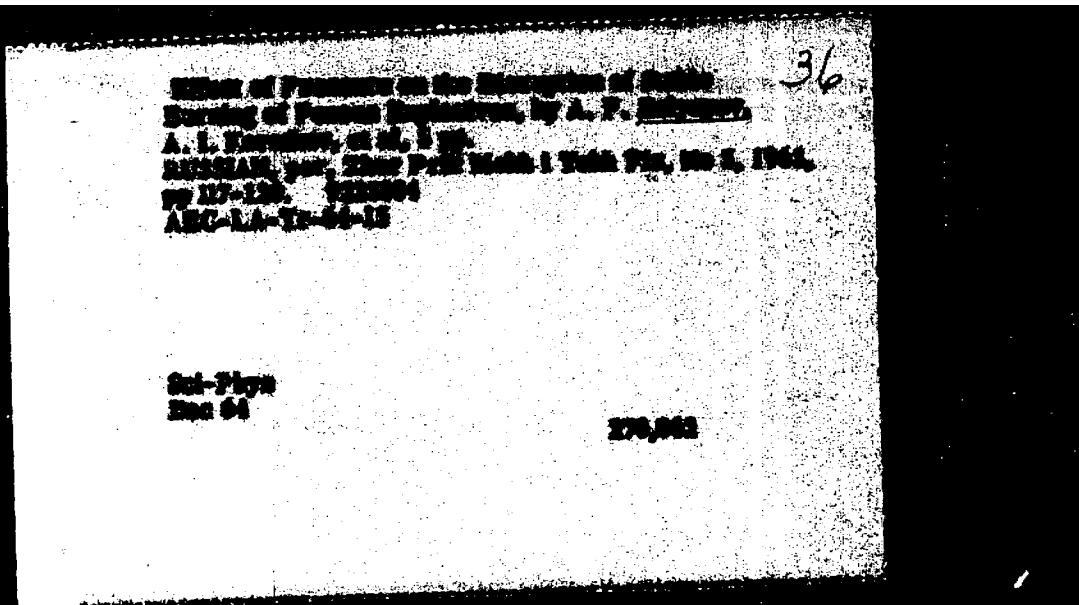
138, 521

Theory of Explosive Substances, by
N. N. Narayev, A. F. Belyayev, 154 pp.
Moscow, 1958, Koeriyd Vazychetyn
Vesnokestv, Moscow, 1958, pp 1-500.
711-7-69-142

A.F. Belyayev

USSR - Soviet, Industrial, Civil Eng.
LSC 30

314,101



(NY-4842)

Investigations Into the Combustion of Mercury
Fulminate, by A. F. Belyayev, A. E. Belyayeva,
29 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XX, No 11, 1946,
pp 1381-1389.

JPRS 7513

Sci - Chem

139,382

Feb 61

SLA: 61-41991

(NY-4846)

Luminescence Temperature Measurements of
Explosions by an Optical Method, by M. N.
Alentsev, A. F. Belyayev, N. N. Sobolev, B. M.
Stepanov, 16 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XVI,
No 11, 1946, pp 990-995.

JPRS 7318

136,376

Sci - Phys

Jan 61

Relaxation Mechanism of Propagation of Combustion
in Heterogeneous Exothermic Systems, by
A. F. Belyayev, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 6,
1961, pp 1374-1378.

Cleaver-Hume Press

Sci

201,582

Jun 62

(NY-4847)

The Effect of the Charge Casing on the Stability
to Detonation and Its Action, by A. F. Belyayev,
A. E. Belyayeva, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol L, 1945,
pp 299-301.

JPR8 7525

Sci - Chem

Jan 61

138,705

117

Determination of the Relative Effect
of High Explosives by the Method
of Equivalent Charges Based on the
Magnitude of Expansion in a Trapezoidal
Bomb, by A. F. Belyayev, 13 pp.
RUSSIAN, per, Zhur Tekhnicheskoy Mekhaniki
i Tekhnicheskoy Fiziki, No 2, 1960,
pp 116-119.
Dept of Navy Tr 4649/ONI Tr 2082

A. F. Belyayev

Sci-Phys
May 66

200-742
500,726

(NY-4827)

On the Transmission of Detonation Between Initiating
Explosive Substances. III. The Dimensions of
Particles Transmitting the Detonation, by A. F.
Belyayev, Yu. B. Khariton, 10 pp.

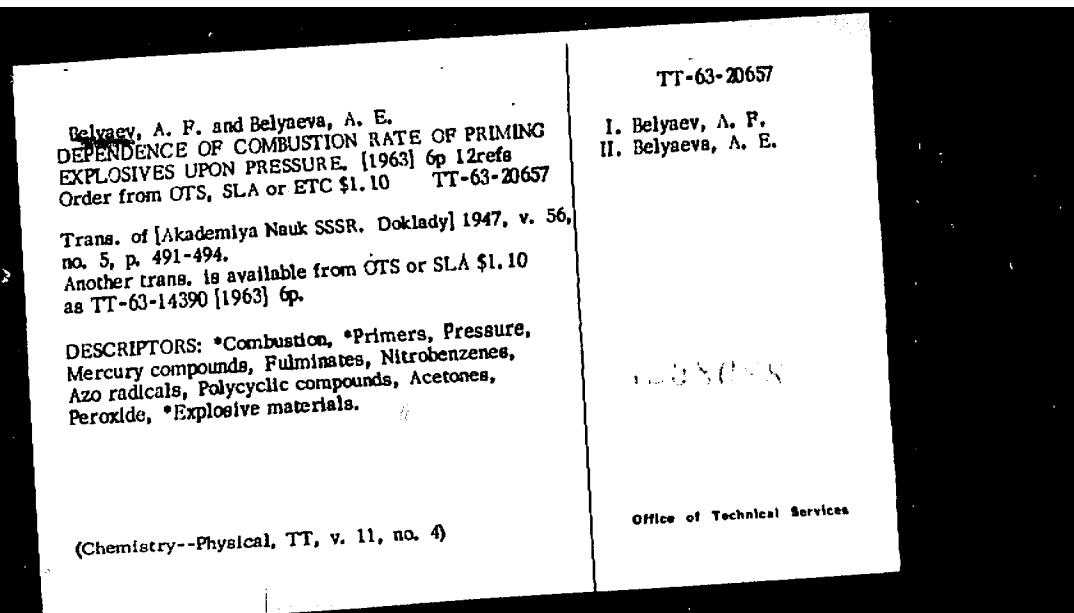
RUSSIAN, per, Zhur Eksp i Teoret Fiz, Vol VII,
No 1, 1937, pp 198-202.

JPRS T21B

Sci - Phys

Dec 60

61-11244 135,834



(NY-4827)

The Transmission of Detonation Between Initiating Substances. II. The Dependence of the Probability of Transmission of Detonation on the Distance Between the Charges and on the Area of the Passive Charge, by A. F. Belyayev, E. Adultovskaya, Yu. B. Kharaton, 11 pp.

RUSSIAN, per, Zhur Eksp i Teoret Fiz, Vol VII,
No 1, 1937, pp 191-197.

JPRS 7236

Sci - Phys

SLA:61-11593

135,820

(NY-4847).

The Mechanism of the Genesis of Detonation of Explosives Upon Impact, by A. F. Belyayev, V. K. Bobolev, M. Z. I. Ratner, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol L, 1945, pp 303-305.

JPRS 7526

Sci - Nuc Phys
24 Jan 61

137,689

The Relation between the Kinetic Constants and
Rate of Flameless Combustion of Smokeless Powder
by A. F. Belyayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 3.
1959, pp 635-.

GB

Sci

Oct 60

130,060

(NY-4361)

S-396/60

The Effect of Initial Temperature on the
Magnitude of the Critical Diameter of
Nitroglycerin and TNT, by A. F. Belyayev,
R. Kh. Kurbanzalina, 20 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 3,
1960, pp 603-610.

JPRS 5803

128,994

Sci - Phys

Oct 60

S-178/60

(NY-4837)

Combustion of Mercury Fulminate Under Reduced Pressure, by A. F. Belavay, A. Ye. Belayeva, 9 pp.

FRENCH, per, Comptes Rendus (Doklady) de l'Academie des Sciences dell'URSS, Vol XXXIII, No 1, 1941, pp 41-44.

JPRS 5795

128,993

Sci - Chem
Oct 60

The Effect of Particle Size on the Rate of
Combustion of Mixtures Containing Potassium
Perchlorate, N. N. Bakhman, A. F. Belyayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 866-868.

GB

Sci

149, 190

Apr 61

(NY-4841)

Basic Principles for the Theoretical Calculation
of the Work of an Explosion, by A. F. Belyayev,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLV, No 4,
1944, 1B pp 164-166.

JPRS 7310

Sci - Chem

Jan 61

138,713

SCI-A-61-138-713

(NY-4847).

Explosive Properties of 'Gasless' Systems, by ~~██████████~~
A. F. Balyayev, A. B. Malbandyan, 9 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLVI, No 3,
1945, pp 113-116.

JPRS 7522

Sci - Chem
24 Jan 61

137,684

(NY-4847).

The Relationship of the Maximum Density of the Explosives With the Value of the Charge Diameter,
by A. F. Belyayev, A. E. Belyayeva, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol L, 1945,
pp 295-297.

JPRS 7524

Sci - Phys
24 Jan 61

137,692

The Mechanism of the Thermal Ignition of Explosives,
by A. F. Belyayev, 21 pp UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, Vol XX, No 7, 1946,
pp 613-622

110/110
Sci Tr Center
RT 1007

Scientific - ~~Physics~~ Chemistry

Avail in OSI 15,369

The Boiling Point and Heat of Evaporation of Some
Secondary Explosive Substances, by A. F. Belyaev.

RUSSIAN, per, Zhur Fiz Khim, No 1, 1948, pp 91-101.

AMC/MAD 45475-D

14,989

Scientific - Chemistry

Oct 1949 CTS

S-178/60

(SF-1064)

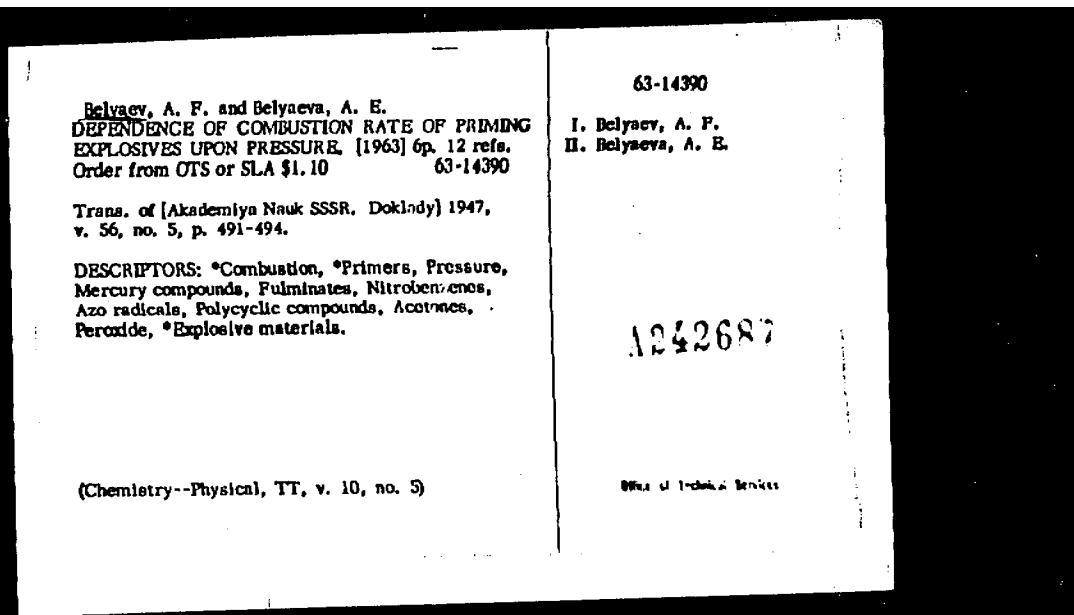
Normal Velocity and Character of "Burning" of
Some Compounds in the Category of Initiating
Explosives, by A. F. Belyayev, A. Ye. Belyayeva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIII, No 6,
1946, pp 507-509.

JPRS 4080

128,428

Sci - Chem
Oct 60



Combustion of Nitroglycol, by A. F. Belyaev, 32 pp
UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, Vol XIV, No 8, 1940,
pp 1009-1025.

Sci Tr Center
RT 1023

Arr'd by OSZ

15.370

Scientific - ~~Physics~~ Chemistry

The Ignition of Explosives and the Transition From
Combustion to Detonation, by A. P. Belyakov, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXIII, No 4,
Apr 1950. PP 432-437

Consultants Bureau

On the Effective Burning Temperature of
Certain Explosives, by A. F. Belyayev,
G. V. Lukashova, 22 pp.
1963, per, Zbir Pril Nauk i Tekh Fil.,
no 6, 1963, pp 114-119.
AEC-LA-Tr-63-21.

69

A. F. Belyayev

Bei Phys
Apr 65

277,900

Fr-47 US-8

11 865

BELYAEV A. I., FIRSANOV A. A.

The influence of aluminium on the anode effect in electrolysis
of molten baths of alumina cryolithe
Influence de l'aluminium sur l'effet anodique dans l'électro-
lyse des bains fondus de cryolithe-alumine

* Zhur. Prikl. Khim., 31,1361-1366 (1958)

E-12502 - French

E u r a t o m

(NY-5007)

Monovalent Aluminum in Metallurgical Processes, by
A. I. Belyayev, L. A. Firsanova, 169 pp.

RUSSIAN, bk, Odnovalementnyy Aluminii v
Metallurgicheskikh Protsessakh, 1959, pp 3-142.

JPRB 7962

Sci - Min/Metals, Engr

144,804

Apr 61

Properties of Industrial Aluminum Bath Electrolytes,
Containing Magnesium Fluoride, by A. I. Belyayev,
Ye. A. Zhenschuzina, 4 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol I, No 4,
1960, pg 154?

Primary Sources

2nd

Oct 60

130,433

<p>Belyaev, A. I., and Zhemchuzhina, E. A. ÉTUDE DU LESSIVAGE DES BAUXITES D'OURAL DU NORD, SOUS PRESSION DE 100 ATM. (The Leaching of North-Ural Bauxites with Strong Sodium Hydroxide Solutions at Atmospheric Pressure). 17p. 3 refs. FR-2360. Order from OTS, ETC or CNRS \$0.80 62-26960</p> <p>Trans. in French of Nauchnye Doklady Vysshel Shkoly, Metallurgiya (USSR) 1958, no. 4, p. 94-100.</p> <p>DESCRIPTORS: *Bauxite, *Aluminum, *Oxides, Solvent extraction, High pressure research, Hydroxides, Pro- duction, Sodium compounds.</p> <p>(Materials--Ceramics, TT, v. 10, no. 8)</p>	<p>62-26960</p> <p>I. Belyaev, A. I. II. Zhemchuzhina, E. A. III. FR-2360 IV. Centre National de la Recherche Scientifique (France)</p> <p>1247834</p> <p>Office of Technical Services</p>
---	--

The Refining of Aluminium by Distillation in the
Form of Subhalide Compounds, by A. I. Belyayev,
I. A. Firsonova.

RUSSIAN, per, Iz Vysch Ucheb Zaved, Tsvet Metal, No 1,
1958, pp 116-120.

Dept of & Interior
TN7, E57, No 312

Sci - Min/Met
Oct 60

128,668

Investigation of Mused Salts by Means of
R diocative Radiation, by A. I. Palyayev,
16 pp.

RUSSIAN, per, Investiya VUZ, Tsvetnaya
Metallurgiya, No 6, 1960, pp 46-54. 9676277

FBI-L-62-46

192, 690

Sci - Min/Mat

Apr 62

The Problem of the Reaction of Barium Chloride With
Fused Cryolite and Its Influence on the Process
of Aluminum Electrolytic Refinement, by A. I.
Belyayev, L. A. Firsanova, et al, 3 pp.

RUSSIAN, per, Tsvetnye Metally, Vol II, No 5,
1961, pp 43-~~X~~ 45.

Primary Sources

Sci
19 Jul 62

204,135

Surface Phenomena in Metallurgical Processes, by A. I. Belyayev.

RUSSIAN, bk, 1963.

*CB (TITLES, ETC., FROM FILE)

Sci-M/M
Jan 94

Surface Phenomena in Metallurgical Processes, by
A.I. Belyaev.

*CB

Sci

May 64

<p>Belyayev, A. L., Zhemchuzhina, E. A., and Firsanova, L. A. PROCESSES AT THE ELECTRODES DURING ELECTROLYSIS OF MOLTEN SALTS. [1962] 26p. Order from K-H \$32.50 K-H 8946</p> <p>Trans. of mono. [Fizicheskaya Khimiya Rasplavivemykh Solei] (Physical Chemistry of Soluble Salts) Moscow, 1957, chap. 10, p. 301-318.</p> <p>DESCRIPTORS: *Electrodes, *Electrolysis, Salts.</p> <p>(Chemistry--Physical, TT, v. 9, no. 9)</p>	<p>63-12970</p> <p>I. Belyayev, A. L. II. Zhemchuzhina, E. A. III. Firsanova, L. A. IV. Title: Physical... V. K-H8946 VI. Kresge-Hooker Science Library Associates, Detroit, Mich.</p> <p>113693</p>	
---	--	--

Partial Translation of
Metallurgy of Aluminum, by A. I. Belyayev, 26 pp.

GERMAN, bk, Metallurgie des Aluminiums, Vol I, 1956.

CIA/FDD XX-1184
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Min/Met

Jun 62

USIB INTERNAL USE ONLY

201,216

The Metallurgy of Aluminum, by A. I. Belyayev, 30 pp.

RUSSIAN, bk, Metallurgiya SSSR (1917-1957), Vol I,
Part 2, 1958, pp 508-528.

ONS 60-51168
PL-480

USSR
Econ
Sep 61
PST No 119

166,946